Michigan Office of the Great Lakes

Coastal Zone Management Program
FY 2017 Request for Proposals Webinar
November 3, 2015

Housekeeping

- All lines will be muted
- Questions can be sent to us via the question/chat box
- We will record webinar and post online

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Webinar Overview

- Coastal Zone Management Program Overview
- Funding Considerations
- Program Focus Areas and Project Preferences
- Funding Availability
- Deadline and Submittal
- Application - Supporting Information
  - All Projects
  - Additional Information Required for Construction projects
- Selection Process

Coastal Zone Management Program Overview

To promote wise management of the cultural and natural resources within our coastal boundary by fostering environmental stewardship, furthering research to support science-based policies and regulations, and providing excellent customer service.

Funding Considerations

- CZM Program Focus Area preferences
- Overall quality and clarity
- Organizational capability
- Project readiness
- Degree of public benefit
- Measurability of project outcomes
- Leveraging other resources

Coastal Zone Management Focus Areas

Coastal Public Access

Coastal Habitat

Coastal Hazards

Coastal Water Quality

Coastal Community Development

Public Access

- Comprehensive plans for non-motorized trails
- Assessment of existing trails
- Development of engineering/design plans
- Low-cost construction

Preference will be given to projects with elements that:

- Increase and improve universal public access
- Develop trail towns and coastal water trails
- Conduct Education and Outreach

Casco Township

Fort Gratiot Lighthouse
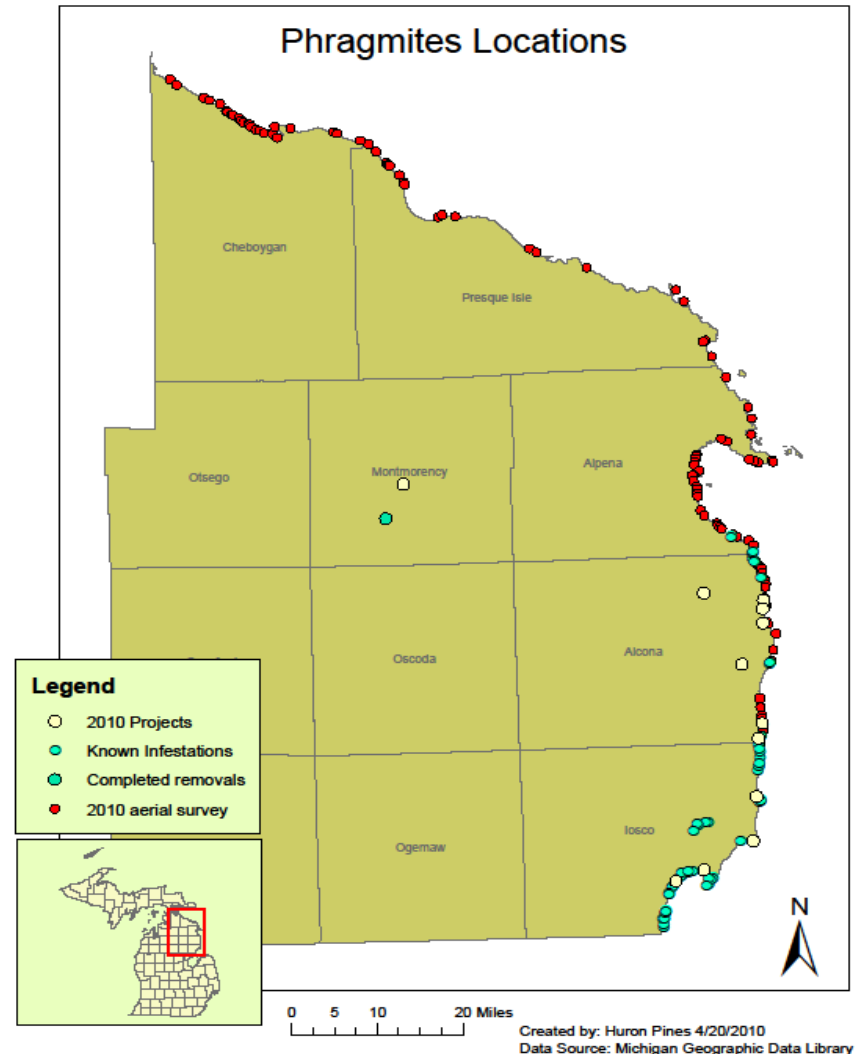
Coastal Habitat

- On-the-ground protection and restoration projects
- Feasibility studies and planning
- Inventories of natural features

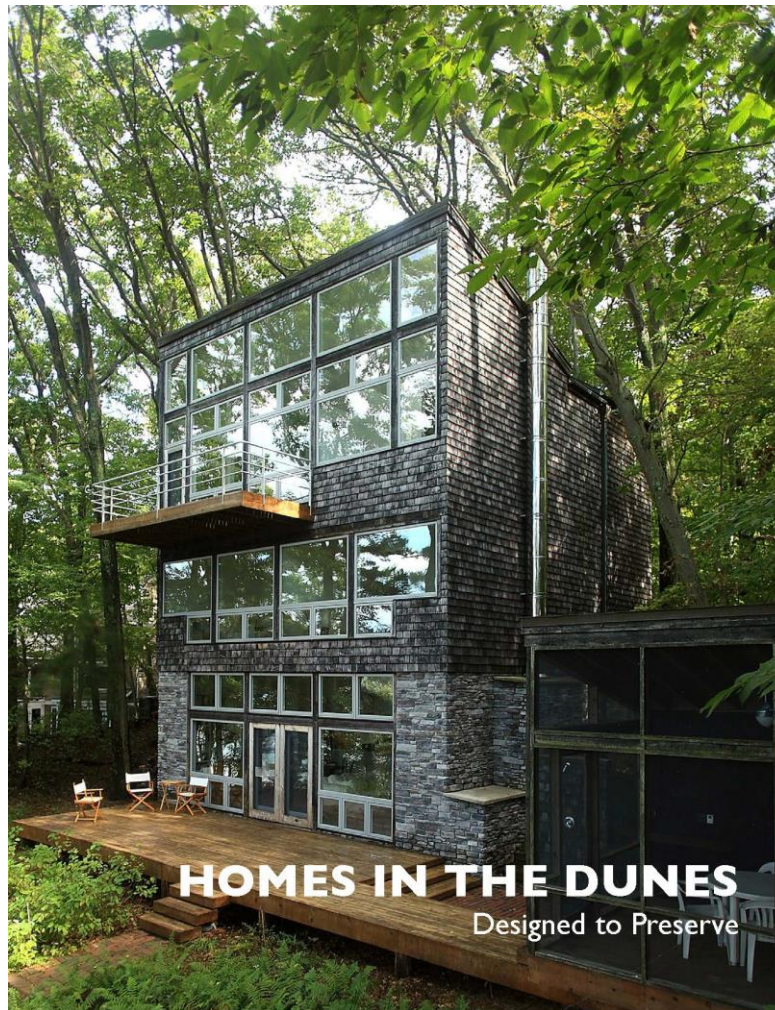Preference will be given to projects with elements that:

- Implement invasive species early detection…
- Assist coastal communities to develop vulnerability assessments

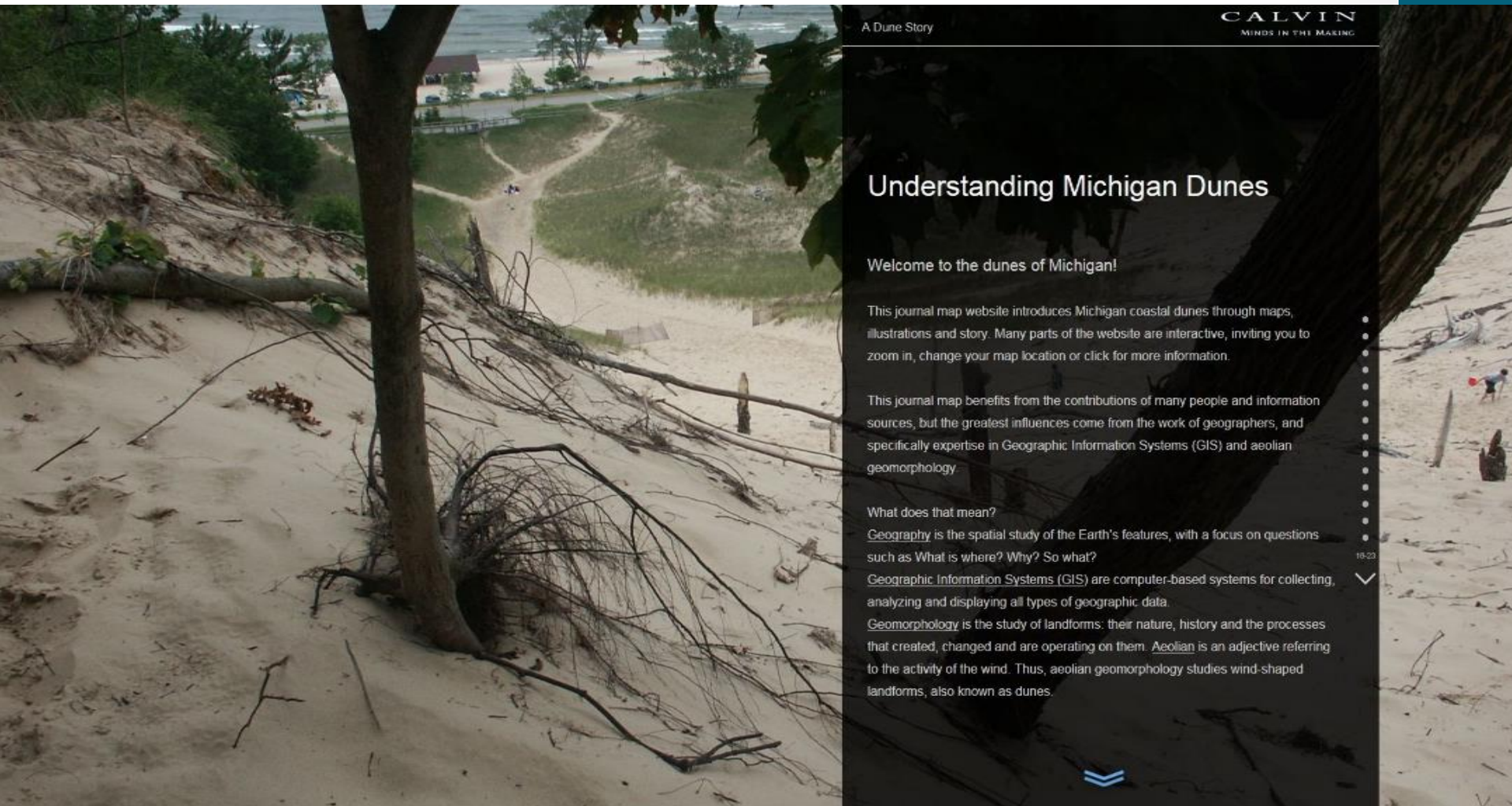# Building a Sustainable Local Invasive Species Response in NE Region

- Huron Pines Phragmites SWAT team – Lake Huron
- Early detection, rapid response
- Educational materials
- Focus on private landowner

Phragmites Locations

Legend
- ○ 2010 Projects
- ● Known Infestations
- ● Completed removals
- ● 2010 aerial survey

0 5 10   20 Miles

Created by: Huron Pines 4/20/2010
Data Source: Michigan Geographic Data Library

Preserve the Dunes

HOMES IN THE DUNES
Designed to Preserve

Bringing the Latest Science to Critical Dune Management

Coastal Hazards

Support efforts to increase a community's resilience toward coastal erosion and flood hazards.

- Increase knowledge/awareness.
- Actively direct development (through planning or implementation) away from hazardous areas.

Coastal Hazards Projects Desired

- Developing coastal hazards GIS map or visualization tools

- Managed retreat efforts on publically-owned lands

- Planning, design, or implementation of soft (nature-based) shoreline stabilization on public lands

- Developing shoreland management plans or coastal zoning ordinances

- Beach safety efforts to reduce risks to swimmers from dangerous nearshore currents and waves

Managed Retreat at McLain State Park

St. Joseph Beach Overlay Ordinance

- Coastal engineering study conducted; provided foundation for local action

- Ordinance to preserve public trust shoreline, and prevent adverse impacts of shore protection structures

- Case study available at: http://greatlakesresilience.org/

Article IX
Special Districts

9.7.2.1 Area of Edgewater Beach Overlay District

Map 9-3 Area of Edgewater Beach Overlay District

CITY OF ST. JOSEPH ZONING ORDINANCE
Amendments through November 5, 2012 (effective November 15, 2012).
9-18

Improving Beach Safety from Dangerous Nearshore Currents (DNC)

Seek to improve swimmer safety at Great Lakes beaches by:
- Improving scientific knowledge of:
  - Dangerous currents formation
  - Locations and persistence of DNC
- Improving messaging and outreach

Additional information:
www.dangerouscurrents.org
www.currentsmart.org
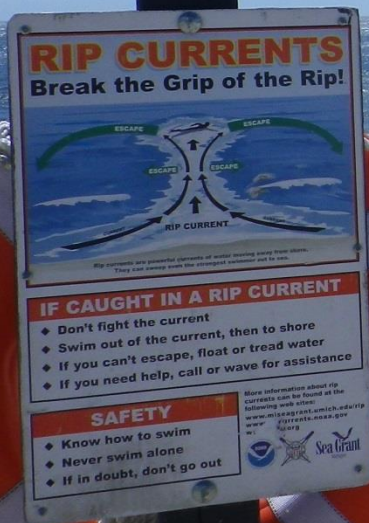
Coastal Water Quality

- Development of ordinances, policies, and/or plans
- On-the-ground implementation activities
- Conduct educational and outreach activities
- Conduct training events

Preference will be given to projects with elements that:

- Plan/Implement green infrastructure techniques
- Develop watershed management plans

Tip of the Mitt Watershed Council

A HOMEOWNER'S GUIDE TO WATERSHED PROTECTION

Simple, practical, and water-friendly ways to protect

LITTLE TRAVERSE BAY

City of Houghton

HURON CREEK STREAM BANK RESTORATION 2010

In 2009, the Michigan Technological University Center for Water and Society completed

- Soft-shore Approaches
- Coir logs used to reduce erosion and sedimentation into Portage Waterway
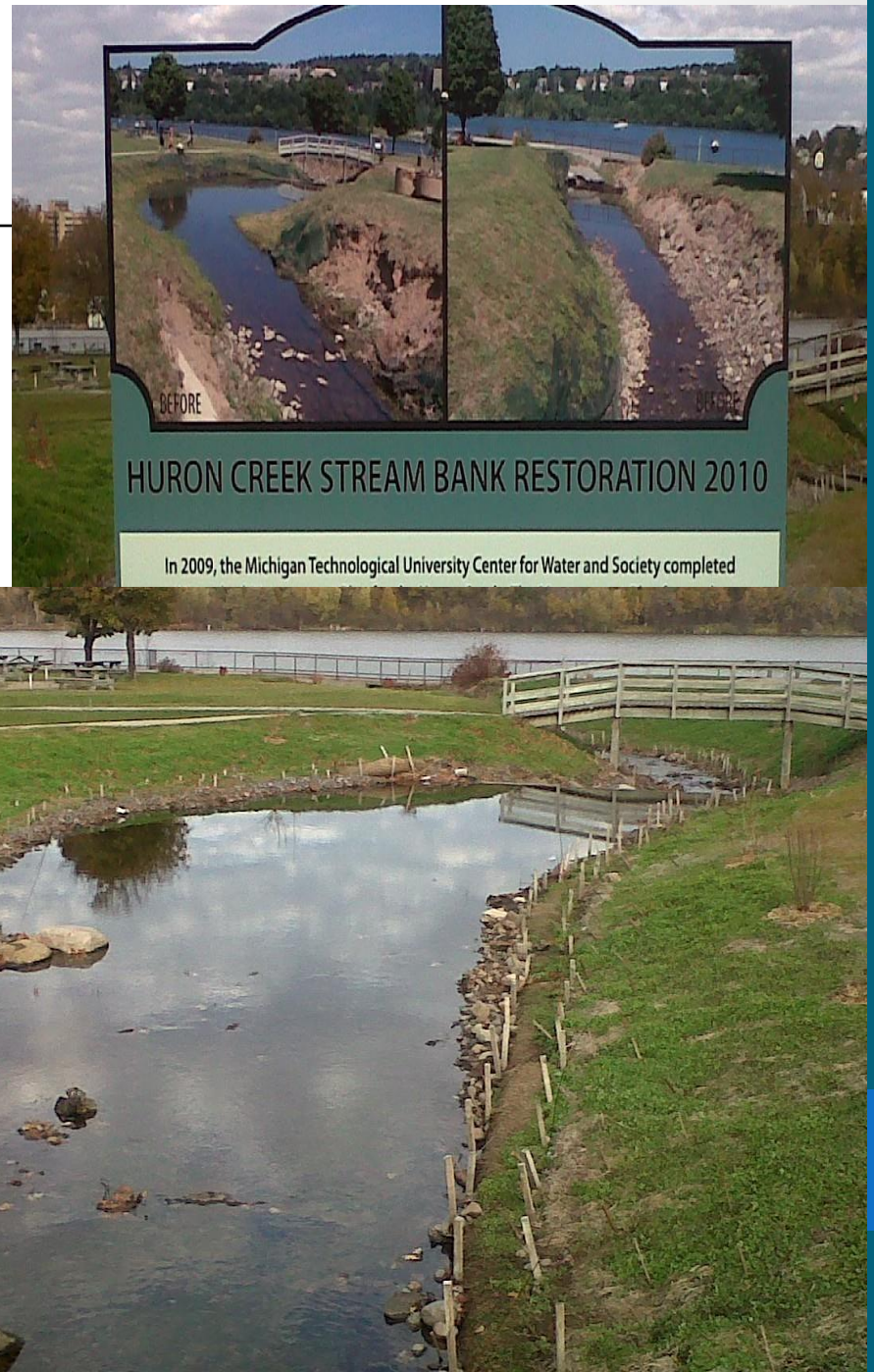
Coastal Community Development

- Planning and feasibility studies for waterfront redevelopment and ports management
- Development of ordinances, policies, and plans
- Development and promotion of regional coastal tourism and recreation opportunities

Preference will be given to projects with elements that:

- Encourage waterfront commercial and recreational uses that are resilient
- Prioritize development or redevelopment of properties in urbanized areas
- Create multi-jurisdictional strategies

Master Planning for Coastal Communities

Harrison Township Waterfront Redevelopment Plan

The waterfront district surrounding the intersection of Crocker Boulevard and Jefferson Avenue and along Lake St Clair features a dense concentration of marine related uses, but lacks a defined sense of place or identity needed to establish a destination waterfront district. Thus, Harrison Township leaders have initiated a planning process to identify, prioritize, and develop a strategic action plan for investments that will assist in the overall redevelopment of the district.

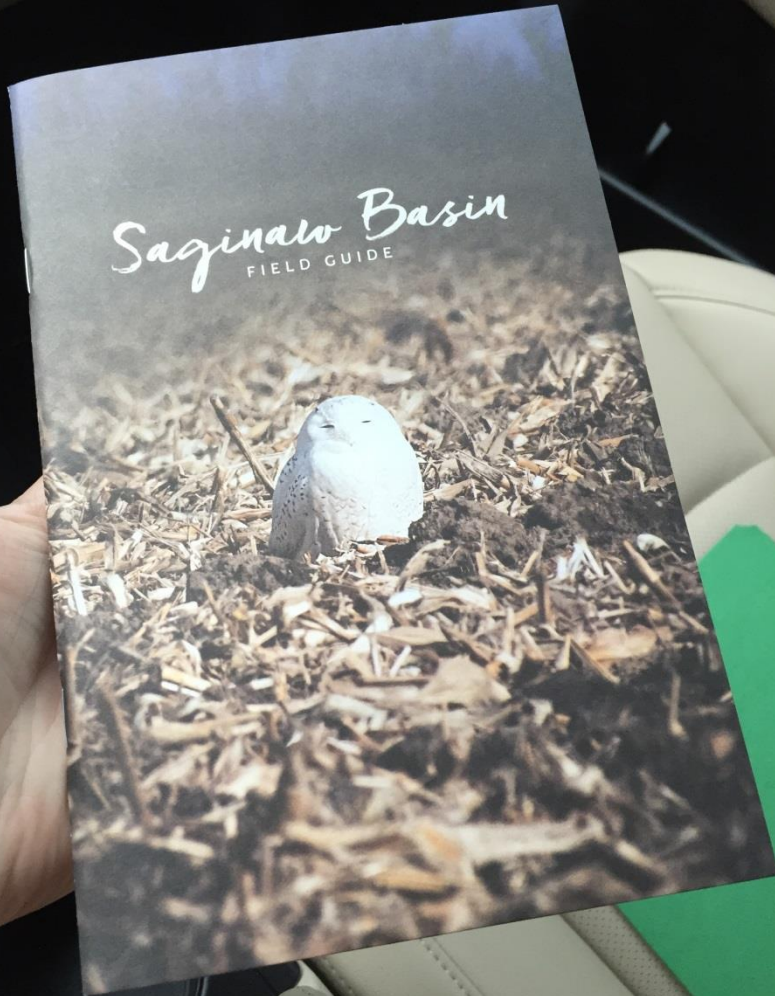Harrison Township invites you to a public workshop to learn more about this study and to share your opinions about the future of this area.

All are welcome to attend!

Saginaw Bay Birding Trail Growth and Sustainability Project

Funding Availability

- Coastal units of government
- Regional planning agencies
- Universities and school districts
- Tribal governments
- Non-profit organizations

Eligibility Criteria

Grant Amounts

- Proposals no less than $10,000 and no greater than $100,000

Match Requirement

- A one-to-one non-federal match is required for all projects

Project Award Period

- Start date is October 1, 2016, and an end date of up to 15 months

Project Location

- Construction projects must be entirely within Michigan's coastal boundary. Boundary maps are available at: www.michigan.gov/coastalmanagement

Ineligible Uses for Grant Funds

- Land acquisition
- Plans and designs for general recreation facilities
- Plans and designs for restroom facilities
- Dredging projects
- Roadway design projects
- Recreation plans
- Purchase of general purpose equipment
- Large scale beach re-nourishment or hard structure erosion control projects
- Permit fees

Deadline and Submittal

- One hard copy and one electronic copy in Microsoft Word format on a CD, DVD, or USB Flash Drive (non-returnable)

- Postmarked no later than December 18, 2015

- Please note that faxed submissions will not be accepted, and late or incomplete applications will not be considered for funding

Standard Postal Service	**Delivery Service or Overnight Mail**
MICHIGAN COASTAL ZONE MANAGEMENT PROGRAM OFFICE OF THE GREAT LAKES DEPARTMENT OF ENVIRONMENTAL QUALITY PO BOX 30473 LANSING MICHIGAN 48909-7973	MICHIGAN COASTAL ZONE MANAGEMENT PROGRAM DEPARTMENT OF ENVIRONMENTAL QUALITY SOUTH TOWER 6TH FLOOR 525 WEST ALLEGAN STREET LANSING MICHIGAN 48933

Application

General Guidance (page 6)

- 10 page limit/11-point font
- Cover letter

Cover Page

- Title, location, county, Great Lake (connecting waterway)
- Amount requested, match amount, total project cost
- Applicant name and address
- Authorized representative e-mail, phone, fax
- Applicant Federal ID #
- Applicant DUNS #
- Name, title, contact information for Project Contact
- Congressional, State Senate, and State House District number

Project Summary

Application, cont.

Detailed Project Description

- Scope, need, focus area

- Tasks/outcomes

- Deliverables

- Schedule

- Match

- Project location

Additional Information Required for Construction Projects

NOAA definition of low-cost construction:

- Any earth disturbance (ex. installation of sign)

- Development of final engineering or design documents (does not include conceptual sketches)

- Total project cost no greater than $200,000 ($100,000 grant amount)

Additional Information Required for Construction Projects, cont.

Required

- Project site plan including project dimensions
- Timing of construction activities
- Construction operation practices
- List historic properties and any potential adverse impacts

Recommended

- Cost estimate of construction items

Additional Information Required for Construction Projects, cont.

- If Joint Permit needed plan for 90 days between permit application submittal and permit issuance

- Plan for additional time if review needed by another program such as Michigan Natural Resources Trust Fund

- Copies of all secured permits prior to construction

Additional Information Required for Construction Projects, cont.

Property Ownership Type

- All construction projects must be open to the general public, located on public land owned by the applicant, or secured through a long-term lease (20 yrs. minimum) by the applicant
  - a. Public Ownership Affidavit
  - b. Attorney Title Opinion
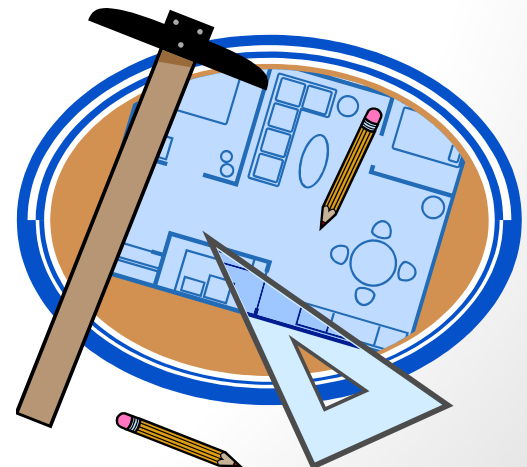
Additional Information Required for Construction Projects, cont.

Documentation of Endangered or Threatened Species

- Submit documentation that there are no endangered or threatened species or critical habitats in the project area, or if species or habitats are present or would potentially be impacted

Resources:

- Endangered Species Act (ESA)
- U.S. Fish and Wildlife Service (FWS) Endangered Species Program: http://www.fws.gov/endangered/
- FWS Critical Habitat Portal: http://criticalhabitat.fws.gov/crithab/
- FWS Information, Planning, and Conservation System: http://ecos.fws.gov/ipac/
- National Marine Fisheries Service (NMFS) Office of Protected Species: http://www.nmfs.noaa.gov/pr/index.htm
- NMFS ESA species and critical habitat maps: http://www.nmfs.noaa.gov/pr/species/criticalhabitat.htm
- ESA consultation handbook: http://www.fws.gov/endangered/esa-library/pdf/esa_section7_handbook.pdf

Application, cont.-All Projects

- Project Tasks and Schedule

Tasks	Oct-Dec 2016	Jan-Mar 2017	Apr-June 2017	Jul-Sep 2017	Oct-Dec 2017	Outcome/Deliverables
1.						
2.						
3.						
4.						
5.						

- Organizational Capability
- Resolution of Support

Application, cont.-All Projects

Pg. 9 - F. Detailed Project Budget

Salary: Wages of the applicant only

Fringe: Allowances and services provided by the applicant to their employees as compensation in addition to regular salaries and wages

Indirect: Applicant's cost of continuing operation

Travel: Include transportation, lodging, subsistence, and related items incurred by the applicant only

- Consistent with your organization's written travel policy for non-federally supported activities; if no policy exists, the rates and amounts established for mileage, per diem, and lodging published by the General Services Administration Web site will be applied (http://www.gsa.gov/portal/category/21283)

Equipment: Tangible, non-expendable, personal property having a useful life of more than one year and an acquisition cost of $5,000 or more per unit.

Application, cont.-All projects

Pg. 9 - F. Detailed Proposed Project Budget, cont.

Supplies/Materials: Includes all tangible items of personal property, other than equipment

Contractual Services: All services provided by entities other than the applicant

- Volunteer Rates
  - For unskilled laborers - www.michigan.gov/wagehour
  - For professionals not working in a professional capacity - www.independentsector.org/volunteer_time
  - Professionals working in their normal professional capacity - Their normal rate of pay may count as match
  - Refer to General Services Administration Web site http://www.gsa.gov/portal/category/21283 for allowable mileage costs for in-kind volunteer services

Other:

- Includes all other costs that do not fit under other expense categories

Detailed Budget

OFFICE OF THE GREAT LAKES
COASTAL ZONE MANAGEMENT PROGRAM
The State is authorized to provide grant assistance pursuant to the Coastal Zone Management Act of 1972, as amended, P.L. 109-58 (16 U.S.C. 1451-1465 "Federal Act")

DETAILED BUDGET

Applicant/Entity Name:
Project Title:

PERSONNEL (List by Name)	Position Title	# of Hours	Rate	Grant Amount	Match Amount	Total
				$0.00	$0.00	$0.00
FRINGE - If rate exceeds 35%, provide a breakdown of the fringe elements in box below.				$0.00	$0.00	$0.00
INDIRECT RATE				$0.00	$0.00	$0.00
TRAVEL - Per trip, list in box below, the # of travelers, Start/End pt., estimated # of miles, mileage rate, lodging expenses and any other misc. traveling expenses. If more than one trip, also include total cost per trip in box below.				$0.00	$0.00	$0.00
EQUIPMENT - In box below, list any tangible, nonexpendable item having a useful life of more than one year and an acquisition cost of $5,000 or more per unit.				$0.00	$0.00	$0.00
SUPPLIES/MATERIALS - In box below, list any tangible item less than $5,000 and cost per item (e.g. office supplies, construction materials).				$0.00	$0.00	$0.00
CONTRACTUAL - In box below, list services to be obtained by a contractor (refer to project tasks from application). Contractual services to implement the following project tasks:				$0.00	$0.00	$0.00
OTHER - In box below, list any item/service that doesn't qualify under the above listed categories and cost per item/service (e.g. volunteer match, donations, postage, printing costs).				$0.00	$0.00	$0.00
TOTAL				$0.00	$0.00	$0.00

EQP-0602(E) (Rev. 01/12)

Supporting Information
Projects Creating Geospatial Data

i. Geospatial Data Sharing Requirements

If your project creates new GIS data:

- A NOAA Data Sharing Plan must be submitted (with application or at minimum prior to data collection)

Purpose of NOAA Data Sharing Plan:

- Ensure newly-created GIS data is visible, accessible, and independently understandable
- Data free of charge or minimal cost
- Available in a timely manner

Post Data Collection Requirements:

- Create Federal Geographic Data Commission (FGDC)-compliant metadata
- Publish data online for free public access
- Provide two copies of GIS datasets and metadata (separate CD, DVD, or USB drive) as a project deliverable

DEQ

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF THE GREAT LAKES

NOAA DATA SHARING PLAN

This information is required pursuant to the implementation of the Coastal Zone Management Act of 1972, as amended, P.L. 109-58 (16 U.S.C. 1451-1465, "Federal Act").

Note: This form must be completed by all entities planning to use NOAA funds received through the Michigan Coastal Zone Management Program to create new geospatial datasets. A separate form should be completed for each dataset when multiple datasets are created under a single project. Submission of this form authorizes the Coastal Zone Management Program to post the information provided in the form of a metadata record to the National States Geographic Information Council's Ramona GIS Inventory (http://gisinventory.net) and to the geospatial one-stop (http://geo.data.gov).

Source Information: Print or type the following for the organization creating the geospatial dataset.

Name of Contact Person for Dataset	Organization Name		
Mailing Address	City	State	ZIP Code
Project Title			

Data Layer Information:
1. Dataset Name:
2. Provide a concise description of the dataset (225 character limit including spaces):
3. Describe the geographic extent of the dataset(s) (e.g., county wide, municipality, or by providing bounding coordinates):
4. Dataset progress (check one): ☐ Complete ☐ In progress ☐ Planned
5. Data source (check one): ☐ Bathymetric Survey ☐ Field Observation ☐ Field Survey/GPS ☐ Hardcopy Maps ☐ LiDAR ☐ Orthoimagery ☐ Published Reports/Deeds ☐ RADAR ☐ Road Centerline Files ☐ Uncorrected Imagery ☐ Other ☐ Uncertain
6. Enter the date by which data will be shared:
7. Will the dataset be made available to the public? ☐ Yes ☐ No
   If yes, please check the distribution method:
   ☐ Through a Web Map Service or Web Feature Service
       - provide URL:
   ☐ Post the dataset for download on a publicly accessible web page or FTP site
       - provide URL:
   ☐ Other
       - please describe:
8. Will the dataset's metadata comply with the Federal Geographic Data Committee's (FGDC) Content Standard for Digital Geospatial Metadata? ☐ Yes ☐ No
9. Are there any security issues or other concerns that would prevent the distribution of the dataset? ☐ Yes ☐ No
   If yes, please explain:
10. Do you plan to archive this dataset for long-term preservation? ☐ Yes ☐ No

Supporting Information – Projects Creating Environmental Data

Quality Assurance/Quality Control

- A project-specific Quality Assurance Project Plan (QAPP) may be required for any project that includes the **creation** of environmental data

- Environmental data is any measurements or information that describe environmental processes, location, or conditions; ecological or health effects and consequences; or the performance of environmental technology

- QAPP must be approved by the CZM Program prior to the collection of any environmental data.

- Contact your CZM focus-area specialist for details

Selection Process

- RFP Released:
  - October 9, 2015
- Deadline for submittal of RFP:
  - December 18, 2015
- Approval Process:
  - January 1 – July 2016
- Notification of selection status:
  - August 2016
- Grant Agreements developed for selected projects:
  - September 2016
- Grant period start/end date:
  - October 1, 2016, – up to 15 months December 31, 2017

Coastal Management Program Team

Contact us at: www.michigan.gov/coastalmanagement

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CZM Program Email List

Department of Environmental Quality

Stay updated on news from the DEQ!

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Agency-wide Information
DEQ Environmental Calendar
Press Releases

Air Quality Division
AQ News and Info
Michigan Air Emissions Reporting System (MAERS)

Environmental Assistance
Environmental Assistance Bulletin
Environmental Leaders Network
Green Chemistry
Michigan Manufacturing News
Pollution Prevention
Training and Outreach

Great Lakes
Great Lakes Notes

Remediation and Redevelopment Division
RRD News and Info

Water Resources Division
Water WoRDs

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